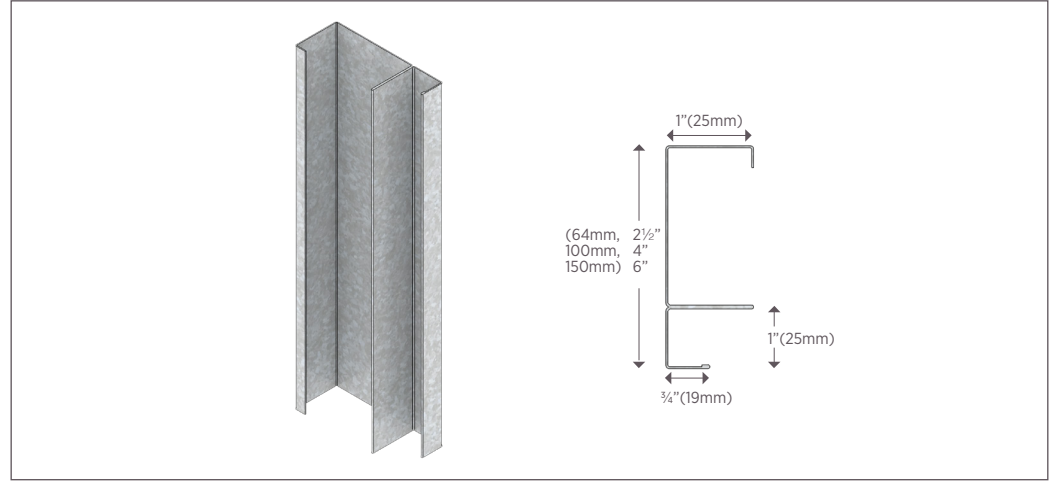


E-STUD SHAFTWALL FRAMING SYSTEMS

212	ES-34
400	ES-34
600	ES-34
Width	E-Stud
	Thickness



DESCRIPTION

Used as a part of the USG ME Shaftwall Systems, E-Stud steel sections are used for starter studs, intersections, door openings, and end studs. Outer wallboard can be directly fixed at the C profile outer face.

MATERIAL PROPERTIES

Yield stress, Fy 33 ksi Ultimate, with G40-G90 Zinc coating

ASTM & CODE STANDARDS

- Shaftwall Studs are produced to meet ASTM C645 and C955
- Galvanized sheet steel meets requirements of ASTM A-653
- For installation & storage information refer to ASTM C1007 & C754

SECTION & MATERIAL PROPERTIES

Type	Thickness (mm)	Flange (mm)	Width (mm)	Section Area (mm ²)	Centroid (mm)	Moment of inertia(Ixx) (mm ⁴)	Section Modulus (Sx)(mm ³)	Radius of Gyration (mm)	Steel Mechanical Properties		
									Yield strength N/mm ²	Tensile strength N/mm ²	Elongation (%)
E- STUD	0.60	25/19	64	98.40	31.89	47,974.00	1,494.00	22.90	297-308	366-372	28-29
	0.80	25/19		131.2	31.89	63,686.00	1,984.00	22.03	297-308	366-372	29-30
	0.90	25/19		147.60	31.89	71,490.00	2,227.00	22.01	297-308	366-372	29-30
	0.60	25/19	100	121.20	47.39	158,803.00	2,908.00	36.20	297-308	366-372	29-30
	0.80	25/19		161.60	47.39	211,290.00	3,869.00	36.16	297-308	366-372	30-31
	0.90	25/19		181.80	47.39	237,450.00	4,349.00	36.14	297-308	366-372	30-31
	0.60	25/19	150	151.80	71.12	429,805.00	5,288.00	53.21	297-308	366-372	30-31
	0.80	25/19		202.40	71.12	572,400.00	7,043.00	53.18	297-308	366-372	30-31
	0.90	25/19		227.70	71.12	643,571.00	7,918.00	53.16	297-308	366-372	30-31

GREEN BENEFITS AND RECYCLED CONTENT

- LEED Credit MR 2 – USG products are manufactured from cold formed steel. Steel is 100% recyclable, which helps divert debris from the waste stream.
- LEED Credit MR 4 – USG's steel products have a minimum of 25.5% post-consumer recycled content, and 6.8% pre-consumer.

REFERENCES

For further health and safety instructions, refer to the Safety Data Sheet (SDS) for this product, available from your USG Middle East sales office or **USGme.com**

Disclaimer:

Information contained in this document is subject to change without prior notice due to our ongoing product development. We recommend referring to the website **usgme.com** for the most up-to-date and accurate product information.

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